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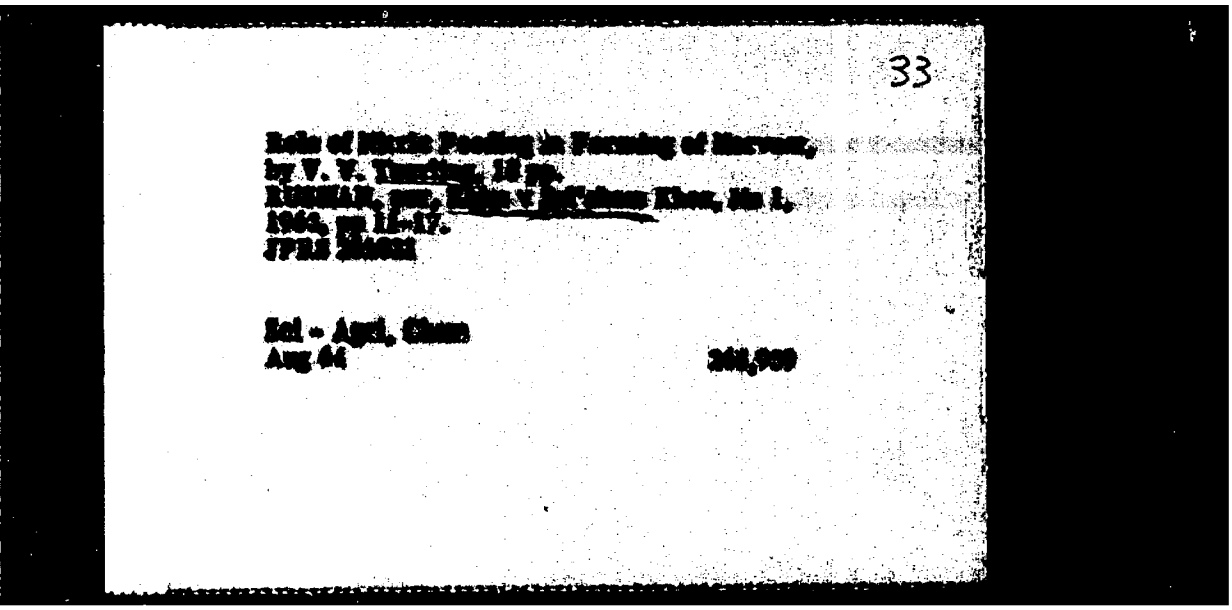

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Trans. of [Akademiya Nauk SSSR. Institut Teoreticheskoi Astronomii. Byulleten'] n.d., v. 3, no. 45, p. 115-152.

DESCRIPTORS: *Stellar eclipses, *Variable stars, *Stars, Optical properties, Mathematical analysis, Astronomical data, *Tables, Astronomy, Photometry.

(Astronomy--Astrophysics, TT, v. 10, no. 9)

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DESCRIPTORS: *Stellar eclipses, *Variable stars, Optical properties, Mathematical analysis, Astronomical data, Tables, Astronomy, *Stars, Photometry.

The paper consists of two parts. In the first part the photometric phases for an annular eclipse are computed. The computations are based on the assumption that the darkening of the disk of the eclipsed star (Astronomy--Astrophysics, TT, v. 10, no. 9) (over)

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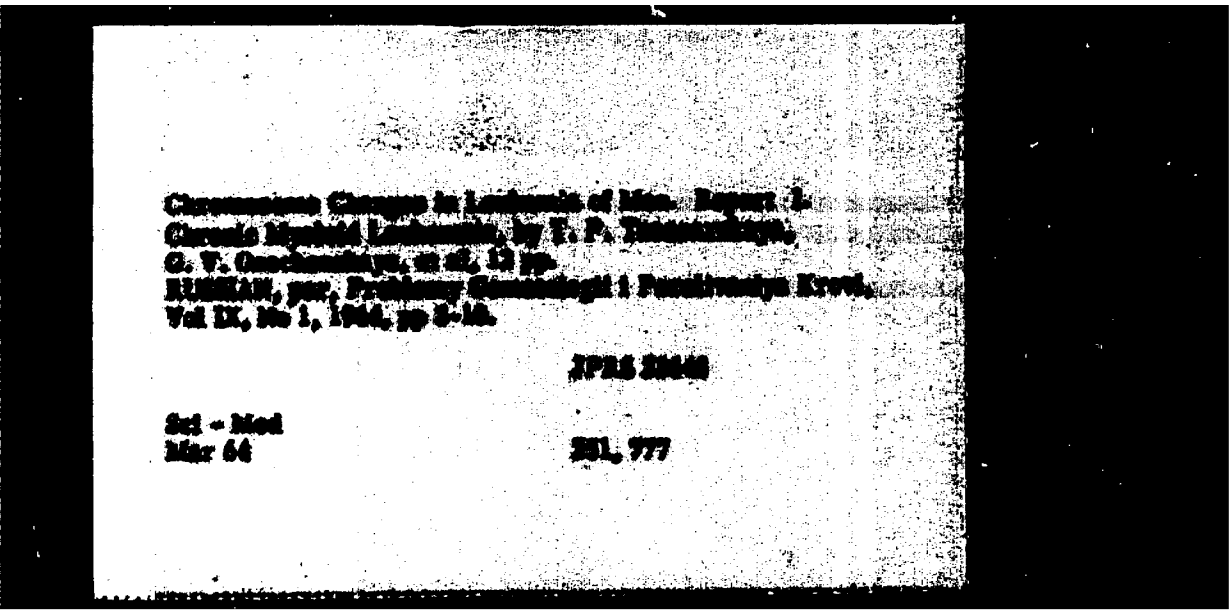

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DESCRIPTORS: *Vinyl radicals, *Phosphine oxides, *X-rays, *Polymerization, Thermal stresses, Stability, Plastics.

The polymerization of oxides of diethylvinylphosphine (I) and diphenylvinylphosphine (II) was initiated by the radiation method. The samples were irradiated in the fused state in vacuum. For irradiation of I, the dose strength was 4.5×10^{16} ev/ml sec, length of
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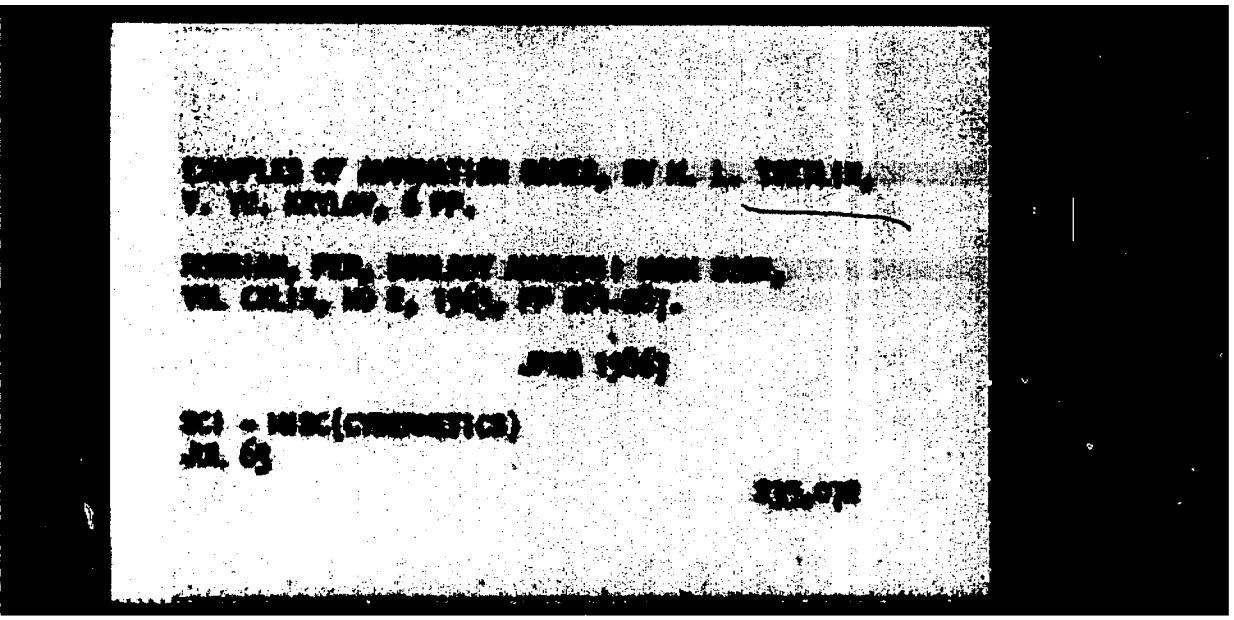

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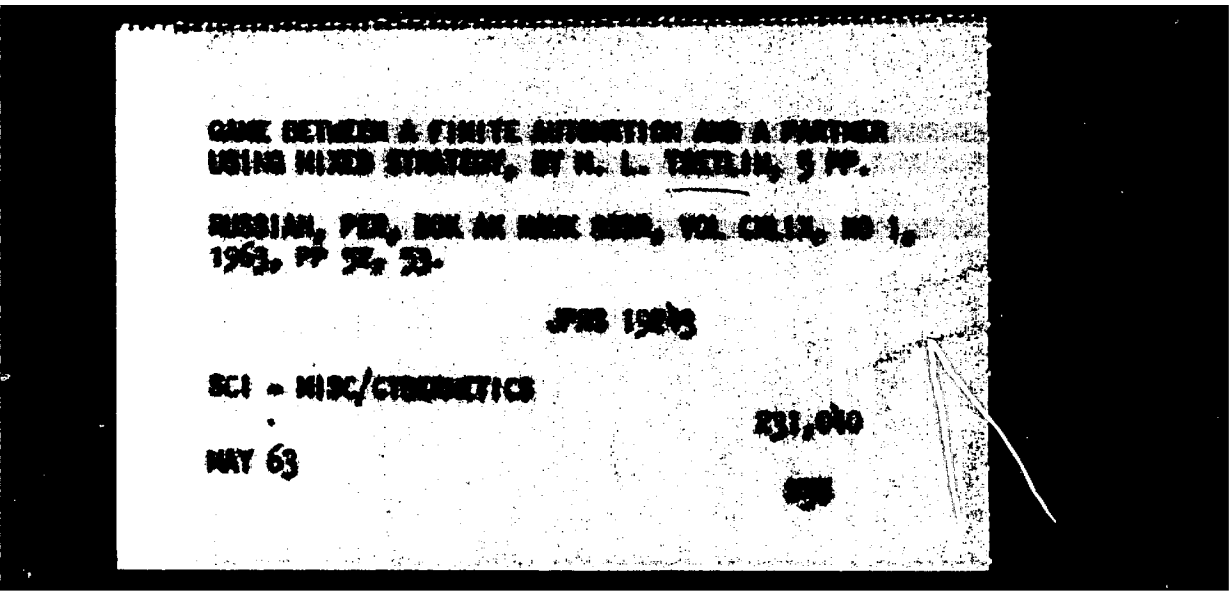

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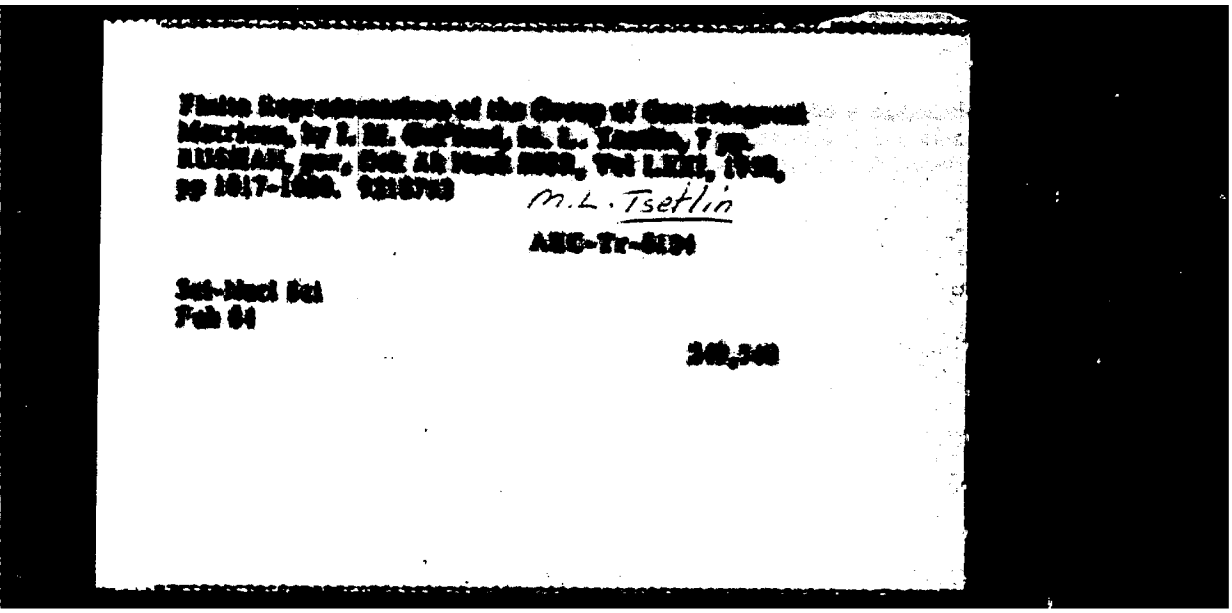

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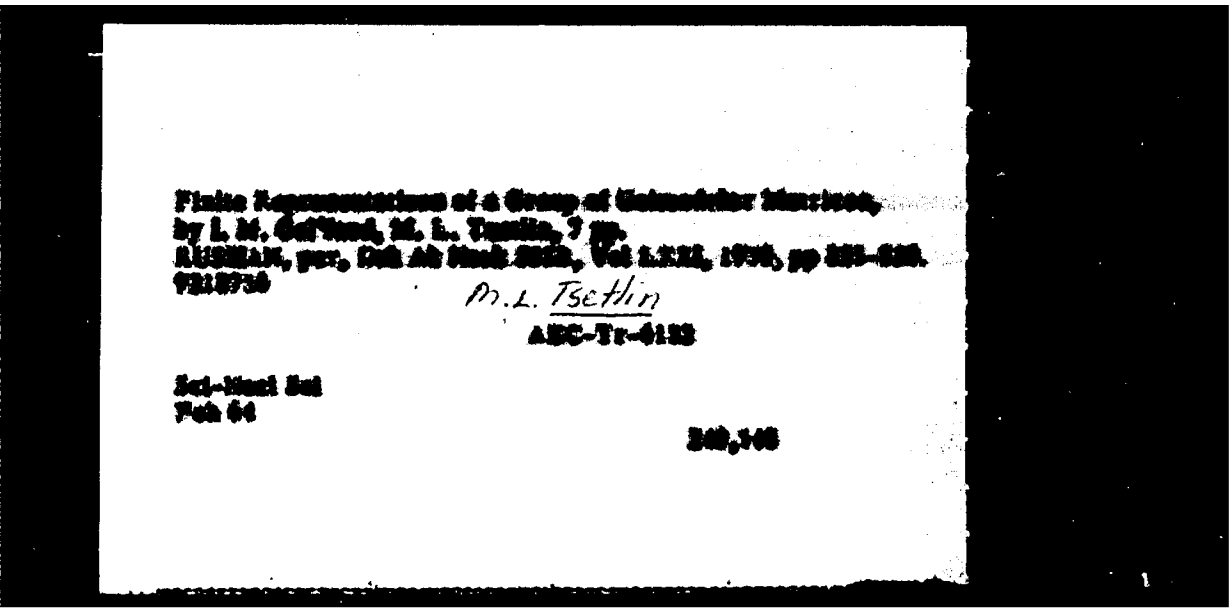

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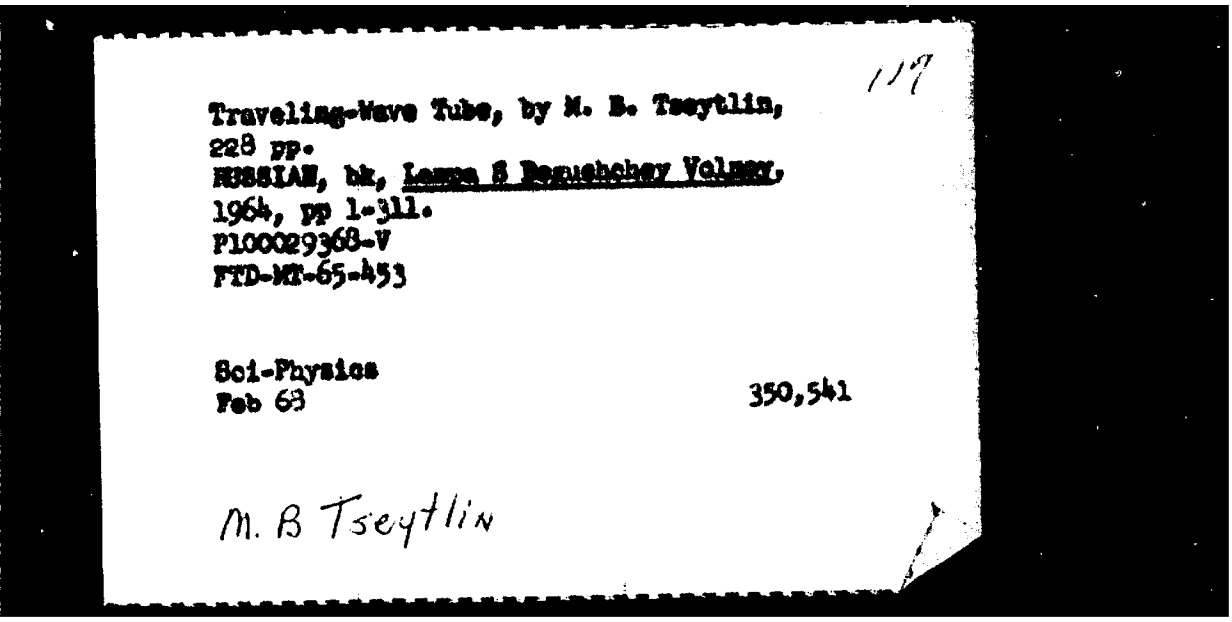

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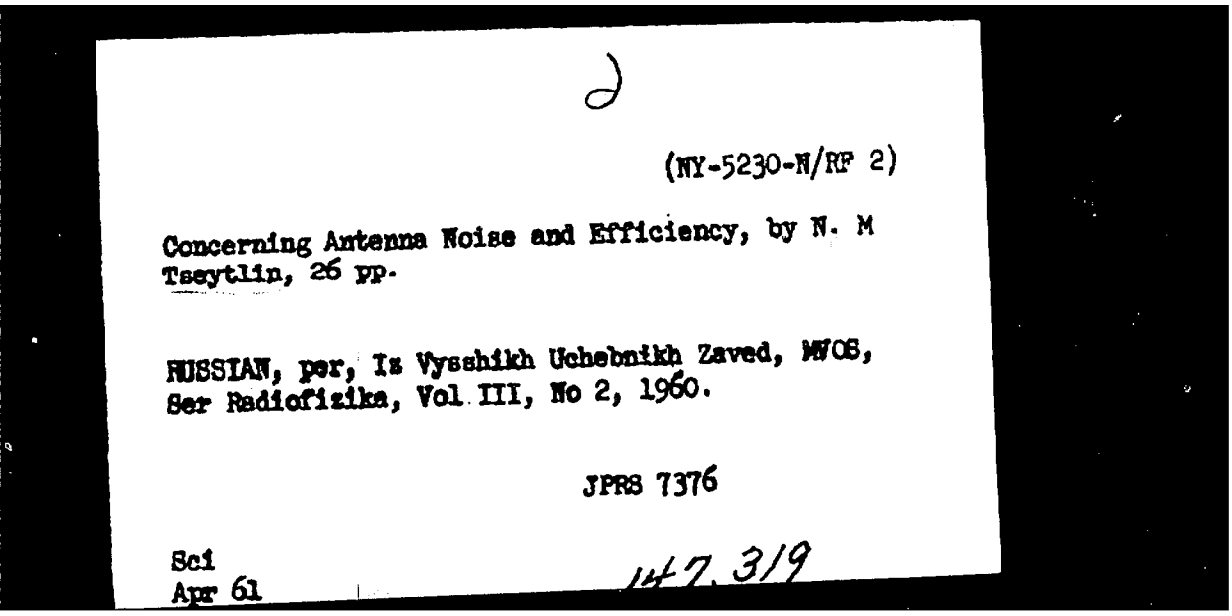

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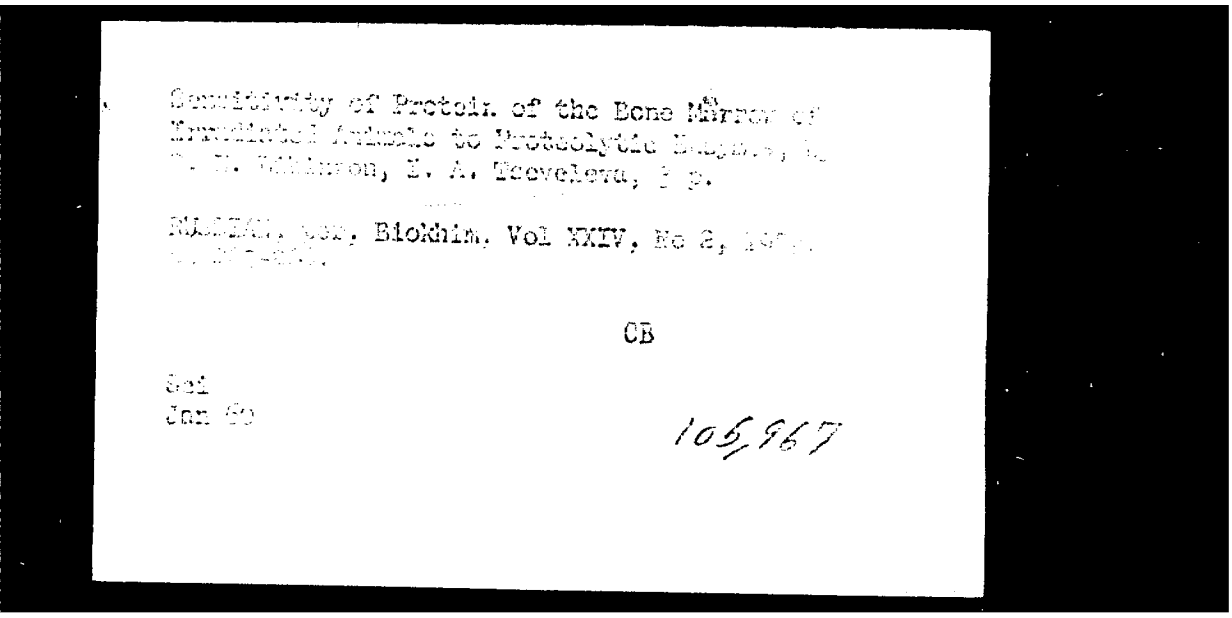

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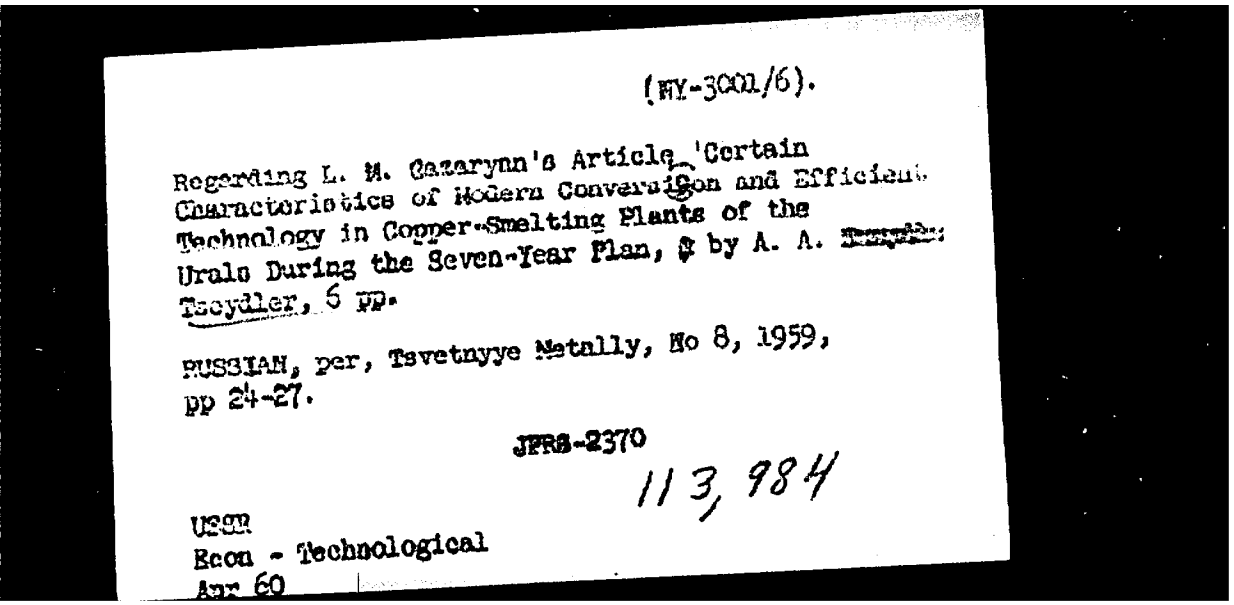

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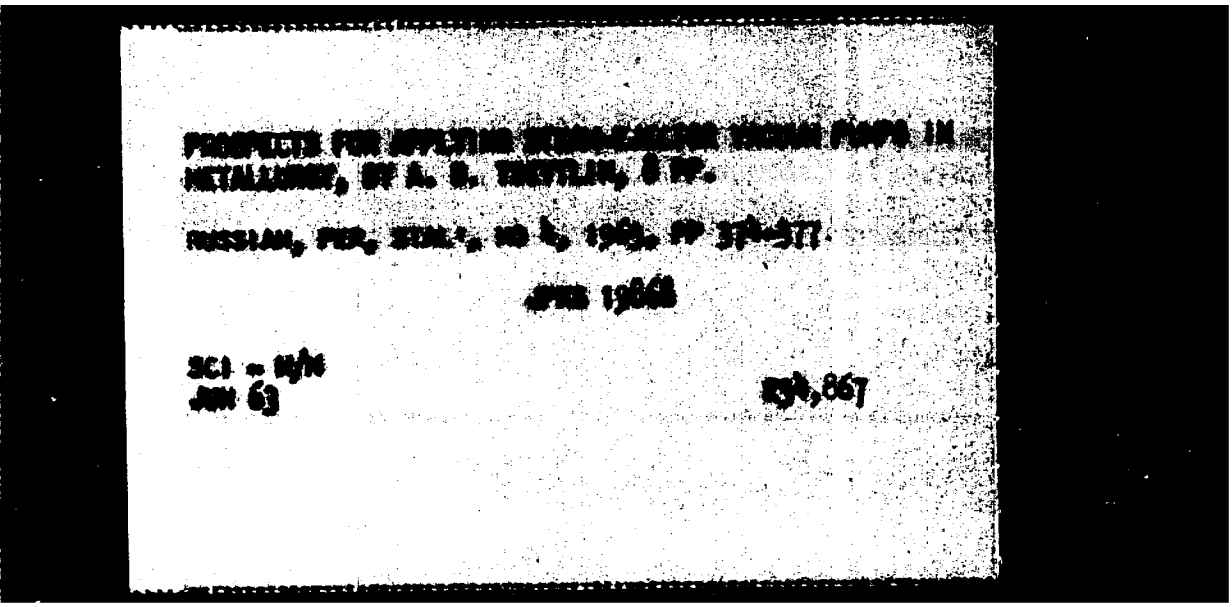

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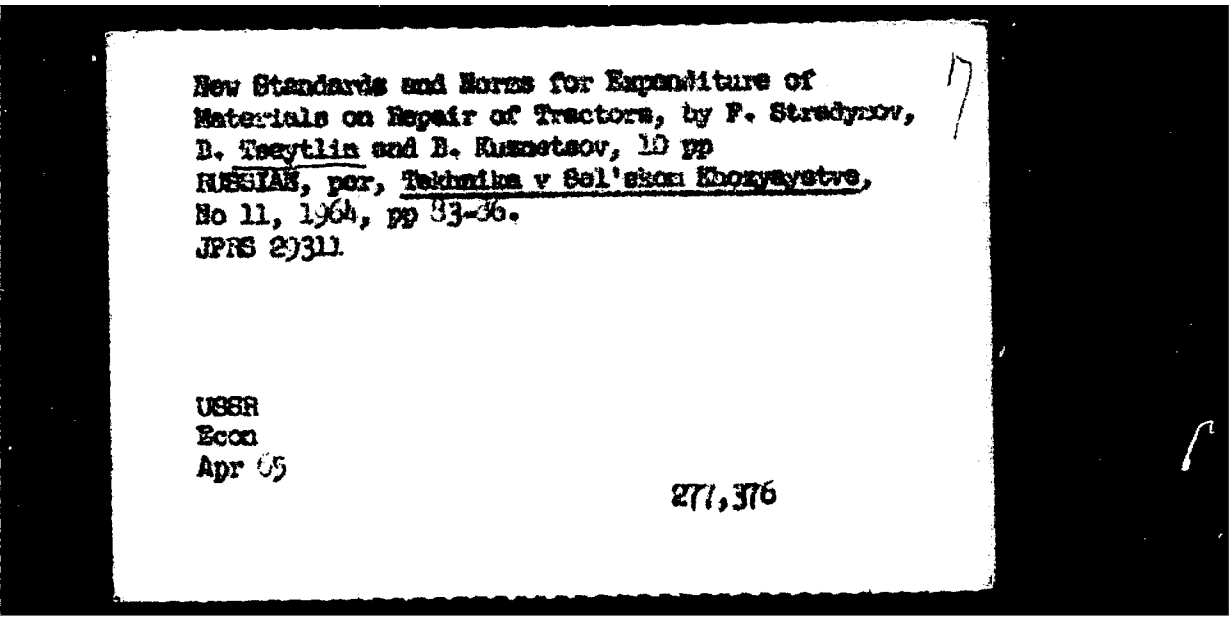

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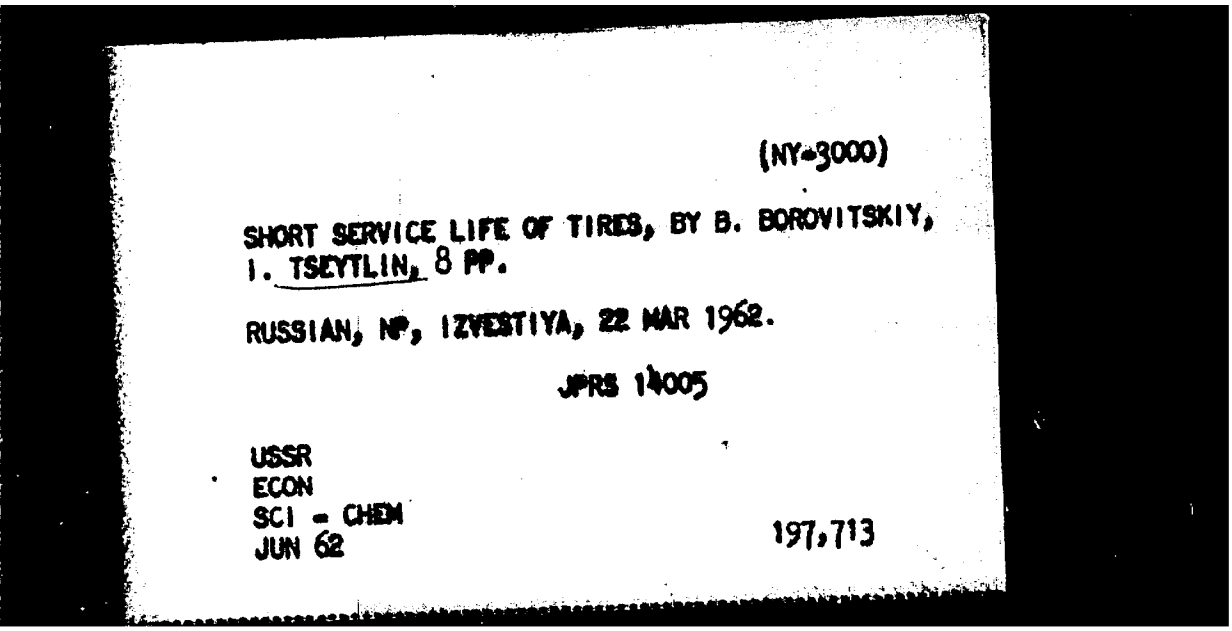

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DESCRIPTORS: *Corrosion, Temperature, *Chlorine, *Nitrogen, Metals.

(Chemistry--Physical, TT, v. 6, no. 3)

61-15774

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The Traveling-wave Tube, by M. B. Tseytlin, A. M. Kats.
RUSSIAN, bk, Lampa s Begushchey Volnoy, 1964, pp 1-311.
*FTD-MT-65-453

M. B. Tseytlin

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Tseytlin, M. G. and Avetisyan, S. N.
PHOTOSYNTHESIS IN VARIOUS KINDS OF VINE SHOOTS (Fotosintez Raznokachestvennykh Pobegov Vinograda) tr. by V. A. Soloduhin. [1963] 6p (foreign text included). [CSIRO] Trans. no. 6306.
Order from OTS or SLA $1.10 63-23749

Trans. of Vinodelie i Vinogradarstvo SSSR, 1962, [v. 22] no. 1, p. 32-34.

DESCRIPTORS: *Photosynthesis, *Vitaceae, Plants (Botany),

The effect on photosynthesis intensity of removing various kinds of grapevine shoots was experimentally investigated during a two-year period. The varieties of Khusayne, Saperavi, and White Kishmish were studied. Photosynthesis was more intense in the leaves of fruit-bearing shoots during the growing period, and more intense when the shoots were not pinched. In shoots with (Biological Sciences--Botany, TT, v. 10, no. 12)(over)

63-23749

I. Tseytlin, M. G.
II. Avetisyan, S. N.
III. CSIRO Trans-6306
IV. Commonwealth Scientific and Industrial Research Organization (Australia)

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A Bioelectric Control System, by A. Ye. Kobrinskiy, M. G. Breydo, V. S. Gurfinkel', A. Ya. Sysin, M. L. Tsetlin, Ya. S. Yakobson, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 1, 1957, pp 78-80. CIA 643579

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